Recreational Use Attainability Analysis

Cover Sheet

Water Body Name: Main Ditch #8	****
Water Body Identification #: 3032	
Completed UAA Checklist:	
G Pre-Field Preparatory Data Sheet	
G Maps with actual survey sites marked G Data Sheet A	
G Data Sheet B – 3 of 3 pages for each site	
O Number of Sites:6	
G Data Sheet C (if applicable)	
o Number of Interviews:	
G Photographs	
 Quantities 	
Upstream6Downstream7	
• Downstream7	
• Other	
I, the undersigned, hereby affirm to the best of my know	wledge that all information reported in this IIA A
is true and accurate.	wiedge, that an information reported in this CAA
1/14	0//15/0/
Signed:	Date: 06/15/06
Signed: John Roberts Organization: TETMA TECH JAC.	_Telephone #:
Organization: TETMA TECH INC.	Position: Scientist

<u>Pre-Field Preparatory Data Sheet</u> <u>for Recreational Use Stream Surveys</u>

Water Body Name: (from USGS 7.5' quad)	Ditch #8
8-digit HUC:	Missouri Water Body Identification (WBID) #: 3032
County: Permiscot	
Upstream Legal Description: 36.	37408,-89.58967
Downstream Legal Description: 36.	32795',-89.73724
Discharger Facility Name(s): Ross	, , , , , , , , , , , , , , , , , , , ,
	056344
Weather Conditions for Past 7 days:	

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest.

WBID #_	<u>30</u>	<u>3a</u>	
Date:	/	/	

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet A - Water Body Identification

Water Body Name: Main Ditch #8
WBID#: 3032
Upstream Coordinates:
(WGS 84, ddd.ddddd) 36.37372, -89.61660
Downstream Coordinates: (WGS 84, ddd.ddddd) 34, 32790, -89, 73724
Current Weather Conditions: Hor , phy
Number of Sites Evaluated: (e
Name(s) of Surveyor(s): Chad Barbour John Roberts

WBfD # 3032 Site # 863

Date: 06/15 / 2006

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3 (A separate Data Sheet B must be completed for each

Longitude (ddd.dddd):	089.61660		Acc: 20.8 Ft.	Arrival Time:		
Photo Ids: Upstream:	0296		stream: 0217	Other:		
rrative Description	of Location: (De	escribe	access point to stream ne	arby roads, landmarks, etc.	H JW STAGAAL	
ROAD CADISTIVE.	AT POUTE T.		1	arey round, fandmarks, etc.)	
rrounding Condition as of interest.)	ns*: (Mark all that	promo	ote or impede recreational u	uses. Attach photos of evide	ence or unusual	
☐ City/county parks	☐ Playgrounds		MDC conservation lands	☐ Urban areas	☐ Campgrounds	
☐ Boating accesses	☐ State parks		National forests	☐ Nature trails	☐ Stairs/walkway	
☐ No trespass sign	☐ Fence	☐ S	teep slopes	Other: AGRICULTURE - SEE Enang o		
man Uses Observed	*:					
☐ Swimming	☐ Skin diving		☐ SCUBA diving	☐ Tubing	☐ Water skiing	
☐ Wind surfing	☐ Kayaking		☐ Boating	□ Wading	☐ Rafting	
☐ Hunting	☐ Trapping		☐ Fishing	None of the above documentation of evidence		
dence of Human Use						
Roads	☐ Foot paths/prin	ts	☐ Dock/platform	☐ Livestock Watering	□ RV / ATV Tracks	
	☐ Camping Sites		☐ Fire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle	
☐ Rope swings				1	= 1 ming ruckie	
□ Rope swings □ Other:						
☐ Other:	z., trash dumping, tir	es, dr	ainages, discharges, etc.)	৯৭) -১৯ ৭৭		

06/15/2006

WBID # 3032 Site # 863

Date: 06/15/2006

Data Sheet B - Site Characterization - 2 of 3

Stream Morphology:				
Upstream View Physical Dimensions:	0.20	0.18	0.00	

	Distance from access point (m)	Width (m)	Lengtl	h (m)	Avg. Depth (m)	Max Depth (m)
☐ Riffle						
□ Run						
☑ Pool	0	3.0	0		0,22	0.27
□ Flow	Present?	☑ No	Velocity (fi	t/sec):		
Downston	*** D1					
Downstrea	m View Physical I	Dimensions: <	١٠३५ ، ٥٠٦٦ ,	<u>১.37 ~ </u>		
	access point (m)	Width (m)	Length	(m)	Avg. Depth (m)	Max Depth (m)
□ Riffle						
□ Run						
☑ Pool	25~	4.5~	25.	~	8.36	0.37
☐ Flow	Present?	⊠ No	Velocity (ft.	/sec):		0.27
	These values should ad					
<u>%(</u>	Cobble % (Gravel	% Sand 9	0 % Silt	10 % Mud/Clay	% Bedroo
uatic Veget	tation*: (Note amoun	t of vegetation or o	loof amountly at the			
NONE	* (110te amoan	it of vegetation of a	igai growin at the a	assessment site	.)	
	· · · · · · · · · · · · · · · · · · ·					
ter Charac	teristics*: (Mark all	that apply				
Odor:	☐ Sewage	□ Musky				
Color:	Clear		□ Chemical	■ None	Other:	JGHTLY
		☐ Green	☐ Gray	☐ Milky	☐ Other: ਤੁ	AB ID
Bottom Deno	sit: Doug	r				
Bottom Depo Surface Depo		☐ Solids	☑ Fine sediment	s 🗆 None	Other:	

^{*}This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

WBID# 3032 Site# 863
Date: 06/15 / 2006

Data Sheet B - Site Characterization - 3 of 3

Comments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation).
NONE

WBID# 3032 Site# 863
Date: 06/15/2006

Telephone #:

NONE

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C - Interviews

(Make additional copies as necessary for multiple interviews)

1. Do you live If so, how	in the area? U u u u u u u u u u u u u	Yes □ No lived here?		
2. Have you pe If so, ple	rsonally used th	is water body for rethat apply:	ecreation since 1975?	□ Yes □ No
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:
3. Have you obs	G 1 – 5 time G Less than	ing this water body	lease describe:	
☐ Swimming	☐ Skin diving	□ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	Rafting
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	Other:
(G More than $1-5$ times			
4. Additional Co	omments:			
Contact Informa Name: Address:	tion (if willing t	o provide):		

WBID # 3032 Site # 864

Date: 06/15/2006

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3

(A separate Data Sheet B must be completed for each site)

Latitude (ddd.dddd): 3	•		Arrival Time:		
Longitude (ddd.dddd):		ACC : B. 4FT	1036		
Photo Ids: Upstream:	6287	Downstream: 0238	Other: 0789	- AOVAT IL VEGETATION	
rrative Description	of Location: (De	scribe access point to stream, پاک د دود	nearby roads, landmarks, etc.)	
rrounding Conditions of interest.)	ons*: (Mark all that	promote or impede recreationa	al uses. Attach photos of evid	ence or unusual	
☐ City/county parks	☐ Playgrounds	☐ MDC conservation lands	☐ Urban areas	☐ Campgrounds	
☐ Boating accesses	☐ State parks	☐ National forests	☐ Nature trails	☐ Stairs/walkway	
☐ No trespass sign	☐ Fence	☐ Steep slopes	Other: AGG ICUCTOR	Other: AGRICULTINE, HAGHWAY	
man Uses Observed	1*:			LSCE PROTO S	
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing	
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	☐ Rafting	
☐ Hunting	☐ Trapping	☐ Fishing	None of the above	Othory	
dence of Human Us		reating, frequency of use, phot			
☐ Roads	☐ Foot paths/prin	ts Dock/platform	☐ Livestock Watering	□ RV / ATV Tracks	
☐ Rope swings	☐ Camping Sites	☐ Fire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle	
Other: NONE			1 The Des Discharge	1 isning Tackie	
		es, drainages, discharges, etc.)			

06/15/2006

WBID# 3032 Site# 864

Date: 06/15/2006

Data Sheet B - Site Characterization - 2 of 3

Stream	Morpho	ology:
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	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
☐ Riffle						
☑ Run	150m	5.3 m	13~		0.33	○ 35
□ Pool						
☑ Flow	Present? Yes	□ No	Velocity (ft/s	ec): 1m	85	
Downstrea	am View Physical	Dimensions: A.	24 ,0,01.0	.15 ^		
	Distance from access point (m)	Width (m)	Length (T I	Avg. Depth (m)	Max Depth (m)
□ Riffle	,					
□ Run						
□ Pool	160	4.0	10		6.20	0,24
Flow	Present? Yes	□ No	Velocity (ft/se	ec):	v = 55	O R
hstrate*• (These values should ac	ld up to 100%.)				
%	Cobble 5 %	Gravel 10 %	Sand 85	% Silt	% Mud/Clay	% Bedro
% uatic Vege		Gravel 10 %	al growth at the ass	sessment si		% Bedro
% uatic Vege	etation*: (Note amount of the Court of the C	Gravel 10 % nt of vegetation or algorithms.	al growth at the ass	sessment si		% Bedro
% uatic Vege	Cobble 5 %	Gravel 10 % nt of vegetation or algo トルッチャップ、 くじじ ディ	al growth at the ass	sessment si	te.)	% Bedro
% uatic Vege △۞♥₳₸=८ ter Chara	Cobble 5 % tation*: (Note amount of the company of	Stravel 10 % nt of vegetation or alga さいちゅういて、 S じ こ で で に that apply.)	al growth at the ass	sessment si	te.)	
watic Vege AQUATEC ter Characodor:	Cobble 5 % tation*: (Note amount VEGETATION 7#1 cteristics*: (Mark al	That apply.) Gravel 10 9 I that apply.) Green Gravel 10 9 Musky □	al growth at the ass	sessment si ∝87	te.)	% Bedro

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WBID # 3032 Site # 864

Date: 06/15/2006

Data Sheet B - Site Characterization - 3 of 3

Comments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation).	
	_
	_
	_
	_

WBID # 3032 Site # 864

Date: 06/15/2006

Telephone #:

None

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C – Interviews

(Make additional copies as necessary for multiple interviews)

☐ Skin diving ☐ Kayaking	☐ SCUBA diving		
		☐ Tubing	☐ Water skiing
į	☐ Boating	☐ Wading	□ Rafting
☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:
rved others usin	ng this water body		975? □ Yes □ No
☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Kayaking	☐ Boating	□ Wading	☐ Rafting
☐ Trapping	☐ Fishing	☐ None of the above	Other:
More than 5 $1-5$ times	times per year per year		
nments:			
r e l	More than 1 − 5 times Less than 1 Tved others using check ALL the Skin diving Image of the Skin Skin Skin Skin Skin Skin Skin Skin	rved others using this water body check ALL that apply: Skin diving SCUBA diving Boating Trapping Fishing ave you observed it being used for More than 5 times per year 1 - 5 times per year Less than 1 time per year – plane	More than 5 times per year 1 - 5 times per year Less than 1 time per year - please describe: rved others using this water body for recreation since 1 e check ALL that apply: Skin diving SCUBA diving Tubing Kayaking Boating Wading Trapping Fishing None of the above nave you observed it being used for recreation? More than 5 times per year 1 - 5 times per year Less than 1 time per year - please describe: ments:

WBID # 3032 Site # 865

Date: 06/15/2006

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3

(A separate Data Sheet B must be completed for each site)

Latitude (ddd.dddd): <i>N</i> Longitude (ddd.dddd):		. 70	6820 ACC: 15.7		val Time:		
Photo Ids: Upstream:	024)	Downs	tream: 0290	Othe	er:		
arrative Description	of Location: (De	scribe	access point to stream, ne	arby roads, land	lmarks, etc.)	
2400m DOWNSTRE	1m of RT,55	ROAD.	Choss I v6				
urrounding Conditions of interest.)	ns*: (Mark all that)	promot	e or impede recreational u	ises. Attach pho	otos of evide	ence or unusua	1
☐ City/county parks	☐ Playgrounds	ΠМ	IDC conservation lands	☐ Urban ar	eas	☐ Campgr	ounds
☐ Boating accesses	☐ State parks	□N	ational forests	☐ Nature tra	ails	☐ Stairs/wa	
☐ No trespass sign	☐ Fence	□ St	eep slopes	Other: A	GAZCUL		
ıman Uses Observed	* :						s.
☐ Swimming	☐ Skin diving		☐ SCUBA diving	☐ Tubing		☐ Water s	kiing
☐ Wind surfing .	☐ Kayaking		☐ Boating	☐ Wading		☐ Rafting	
☐ Hunting	☐ Trapping		☐ Fishing	None of	the above	☐ Other:	
e .	er or individuals rec	reating	, frequency of use, photo-	documentation	of evidence	of recreationa	l uses, etc.
dence of Human Ús	e *: .			,			
☐ Roads	☐ Foot paths/prin	tş	☐ Dock/platform	☐ Livestock	Watering	□ RV / AT	V Tracks
☐ Rope swings	☐ Camping Sites	•	☐ Fire pit/ring	□ NPDES D	ischarge	☐ Fishing 7	ackle
Other: NONE	•			•	ķ		
rces of Pollution: (e.	g., trash dumping, tir	es, dra	inages, discharges, etc.)				•
AGRICULTURE	1 3,		ψ, <u>Β</u> ου, σ.υ.)		<u> </u>		
	•	•	6				

WBID # 3032 Site # 865 Date: 06/15/2006

Data Sheet B - Site Characterization - 2 of 3

tream Morph Upstream V	ology: iew Physical Din	nensions: * esti	mated for	1 59f	ter lease	M 5
	Distance from access point (m)	Width (m)	Length (Avg. Depth (m)	Max Depth (m)
□ Riffle						
□ Run						
☑ Pool	& 415m	9m	15~		0.5*	* 0,>0n
□ Flow	Present?	No	Velocity (ft/se	ec):		
Downstream	Niew Physical I Distance from	Dimensions: C	, 20m o.	25m	0, 30m	
	access point (m)	Width (m)	Length (r	n)	Avg. Depth (m)	Max Depth (m)
☐ Riffle						
Run	≈ 430~	8m	15m		0.25	0:30m
□ Pool						
☐ Flow 1	Present? Yes	□ No	Velocity (ft/se	ec):	Im/145ec.	
bstrate*: (Th	nese values should add	d un to 100%)				
% Cc			Sand 90	% Silt	/ O % Mud/Clay	% Bedroc
4 * * *			······			
Supmences	tion*: (Note amoun	t of vegetation or alga	l growth at the ass	sessment sit	e.)	
J 00 121 4(1)	• CONTROL X	Cauc had suce	* 1, 15 % OF	STREAM !	a FFGCTGD.	
iter Characte	eristics*: (Mark all	that apply.)				
Odor:	☐ Sewage		Chemical	None	☐ Other:	
Color:	□ Clear] Gray	Milky		0.
Bottom Deposi	t:		Fine sediments		☐ Other:	under Brown
Surface Deposi	t: 🗆 Oil		Foam	□ None		
	William Control			- None	Other: A	LGAE

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WBID # 3032 Site # 865

Date: 06 / 15 / 2006

Data Sheet B - Site Characterization - 3 of 3

omments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local additions, problems in measuring, site relocation).	
VONG	
	_
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	_

WBID # 303 - Site # 865

Date: 06/15/2006

None

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C – Interviews

(Make additional copies as necessary for multiple interviews)

2. Have you pe	rsonally used th	is water body for r	ecreation since 1975?	□ Yes □ No
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	□ Other:
	G 1 – 5 times G Less than		lease describe:	
If so, plea	ase check ALL t	hat apply:	for recreation since 1	.975? □ Yes □ No
If so, plea ☐ Swimming	ase check ALL the Skin diving	hat apply: D SCUBA diving	☐ Tubing	
II so, plea	ise check ALL t	hat apply:		☐ Water skiing ☐ Rafting
☐ Swimming	Skin diving	hat apply: □ SCUBA diving	☐ Tubing	☐ Water skiing
Swimming Wind surfing Hunting How ofter	Skin diving Skin diving Kayaking Trapping have you obsers More than 1 - 5 times	hat apply: SCUBA diving Boating Fishing rved it being used to times per year per year	☐ Tubing ☐ Wading ☐ None of the above	☐ Water skiing ☐ Rafting ☐ Other:
Swimming Wind surfing Hunting	Skin diving Skin diving Kayaking Trapping have you obsers More than 1 - 5 times Less than 1	hat apply: SCUBA diving Boating Fishing rved it being used to times per year per year	☐ Tubing ☐ Wading ☐ None of the above For recreation?	☐ Water skiing ☐ Rafting ☐ Other:
☐ Swimming ☐ Wind surfing ☐ Hunting ☐ How ofter	Skin diving Skin diving Kayaking Trapping have you obsers More than 1 - 5 times Less than 1	hat apply: SCUBA diving Boating Fishing rved it being used to times per year per year	☐ Tubing ☐ Wading ☐ None of the above For recreation?	☐ Water skiing ☐ Rafting ☐ Other:
☐ Swimming ☐ Wind surfing ☐ Hunting ☐ How ofter	Skin diving Skin diving Kayaking Trapping have you obsers More than 1 - 5 times Less than 1	hat apply: SCUBA diving Boating Fishing rved it being used to times per year per year	☐ Tubing ☐ Wading ☐ None of the above For recreation?	☐ Water skiing ☐ Rafting ☐ Other:

WBID # 3032 Site # 866

Date: 06/15/2006

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3 (A separate Data Sheet B must be completed for each

Longitude (ddd.dddd) Photo Ids: Upstream rrative Descriptio			o 294	Other: 0295.	
Photo Ids: Upstream			stream: 0293	Other: 0245.	- A OUATJ/
rrative Descriptio			0 899		VEGETHERM
	n of Location: (De	escribe	access point to stream, n	earby roads, landmarks, etc.	
300m 0.5. OF	RT.55 ROADCAOSSI	N 6.		·	,
rounding Conditi	ons*: (Mark all that	promo	te or impede recreational	uses. Attach photos of evide	ence or unusual
☐ City/county parks	☐ Playgrounds		MDC conservation lands	☐ Urban areas	☐ Campgrounds
☐ Boating accesses	☐ State parks		Vational forests	☐ Nature trails	☐ Stairs/walkway
☐ No trespass sign	☐ Fence	\Box s	teep slopes	Other: A662(VCT	1
nan Uses Observe	ed*:			Other: AGGZCVCT	102 0242 0243
☐ Swimming	☐ Skin diving		☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking		☐ Boating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping		☐ Fishing	None of the above documentation of evidence	[] Other
lence of Human U	Jse*:	***************************************		*.'	·
☐ Roads	☐ Foot paths/prin	ts	☐ Dock/platform	☐ Livestock Watering	DV/ATVT
☐ Rope swings	☐ Camping Sites		☐ Fire pit/ring	□ NPDES Discharge	☐ RV / ATV Track ☐ Fishing Tackle
Other: Non €					rishing rackle
a Other. NOME					
	e.g., trash dumping, tir	res, dra	ainages, discharges, etc.)		

06/15/2006

WBID # 3032 Site # 866

Date: 06/15/2006

Data Sheet B - Site Characterization - 2 of 3

Stream N	Morphology:
----------	-------------

	View Physical Dir Distance from access point (m)	Width (m)	Length (m)		Avg. Depth (m)	Max Depth (m)
□ Riffle						
⊠ Run	300m	4.5m	12~		0.24	0.29m
□ Pool						
Flow	Present? ☑ Yes	□ No	Velocity (ft/sec)): m	= 95	
Downstrea	am View Physical l	Dimensions: E	1.26 N.24 N.25	22		
	Distance from access point (m)	Width (m)	Length (m)		Avg. Depth (m)	Max Depth (m)
☐ Riffle	4					-1
Run	302 m	5.5m	2~*		0.27	0,24M
□ Pool						
☑ Flow	Present? Yes	□ No	Velocity (ft/sec)	: Im =	15	
			Velocity (ft/sec)		15 · OF SECTION WI	747.V 135 AL.
ostrate*: (These values should ad			* - DEE(EM MELLZAS LED	
ostrate*: (These values should ad Cobble % (d up to 100%.) Gravel	% Sand 90	* - DEE!	10 % Mud/Clay	
ostrate*: (%	These values should ad Cobble % (d up to 100%.) Gravel	% Sand 90	* −DEE6	10 % Mud/Clay	783.V /35.JAL., % Bedroo
ostrate*: (% uatic Vege	These values should ad Cobble % (etation*: (Note amour PAN) FLOATING	d up to 100%.) Gravel	% Sand 90	* −DEE6	10 % Mud/Clay	
ostrate*: (% uatic Vege	These values should ad Cobble % (d up to 100%.) Gravel	% Sand 90	* −DEE6	10 % Mud/Clay	
uatic Vege Submerce SEC PHOT	These values should ad Cobble % (tation*: (Note amour AN) FLATING (1 0 242 - 0245	d up to 100%.) Gravel It of vegetation or all ALGAE THROUD	% Sand 90	* −DEE6	10 % Mud/Clay	
ostrate*: (% uatic Vege Submerce see Phore	These values should ad Cobble % (etation*: (Note amour PAN) FLOATING	d up to 100%.) Gravel It of vegetation or all ALGAE THROUD	% Sand 90	* −DEE6	10 % Mud/Clay	
uatic Vege Submerce SEC PHOT	These values should ad Cobble % (tation*: (Note amour AN) FLATING (1 0 242 - 0245	d up to 100%.) Gravel It of vegetation or all ALGAE THROUD	% Sand 90 Igal growth at the asses	* −DEE6	10 % Mud/Clay	
ostrate*: (% uatic Vege Submerce see Phore	These values should ad Cobble % (tation*: (Note amour P AN) FLUATING (10 0 242 - 0245 cteristics*: (Mark all	d up to 100%.) Gravel It of vegetation or all the continuous of	% Sand 90 Igal growth at the asses	* - DEE! % Silt sment site	ID % Mud/Clay ID % Mud/Clay Other:	% Bedroo
SEE PHOT ter Chara	These values should ad Cobble % (etation*: (Note amour P AN) FLOATING of Data - 0245 cteristics*: (Mark all Sewage	d up to 100%.) Gravel It of vegetation or all ALGAE THOOLU that apply.) Musky	% Sand 90 Igal growth at the asses	* - DEEL	ID % Mud/Clay ID % Mud/Clay Other:	

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WBID # 3032 Site # 866

Date: 26 / 15 / 2 006

Data Sheet B - Site Characterization - 3 of 3

Comments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local onditions, problems in measuring, site relocation).
NONE

WBID # 3032 Site # 866

Date: 06/ 15/ 2006

Telephone #:

V ○ ↑ ℓ **Field Data Sheets for Recreational Use Stream Surveys**

Data Sheet C - Interviews

(Make additional copies as necessary for multiple interviews)

1. Do you live i	in the area? Ung have you	Yes □ No lived here?		
2. Have you per If so, ples	rsonally used th	is water body for rethat apply:	ecreation since 1975?	□ Yes □ No
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:
3. Have you obs	G 1 – 5 time G Less than ————————————————————————————————————	s times per year s per year 1 time per year – p	lease describe:	
If so, plea ☐ Swimming	se check ALL t	hat apply: ☐ SCUBA diving		
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Tubing	☐ Water skiing
☐ Hunting	☐ Trapping	☐ Fishing	☐ Wading ☐ None of the above	☐ Rafting ☐ Other:
(G More than $1-5$ times	rved it being used to 5 times per year sper year time per year pl		
4. Additional Co	mments:			
Contact Information Name: Address:	tion (if willing t	to provide):		

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3

(A separate Data Sheet B must be completed for each site)

Latitude (ddd.dddd):	•		Arrival Tim	e:
Longitude (ddd.dddd):	084.73744	ACC Haill		150
Photo Ids: Upstream:	0587	Downstream: 0 2 まる	Other: 0785 - TRASH	0286- SVMM WWD 306 AG
rrative Description	of Location: (De	scribe access point to strean	n, nearby roads, landmarks.	etc.)
STREAM CROSSIA	VG AT RT.A	•	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
rrounding Conditions of interest.)	ons*: (Mark all that	promote or impede recreatio	onal uses. Attach photos of e	vidence or unusual
☐ City/county parks	☐ Playgrounds	☐ MDC conservation lan	ds Urban areas	☐ Campgrounds
☐ Boating accesses	☐ State parks	☐ National forests	☐ Nature trails	☐ Stairs/walkway
☐ No trespass sign	☐ Fence	☐ Steep slopes	Other: AGNA	CULTURE
man Uses Observed	1*:		Lse	2 PHO TO 0 286
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	☑ None of the abov	ve Other:
	·	reating, frequency of use, pr	ioto-documentation of evide	ence of recreational uses, etc.)
dence of Human Us	se*:			
☑ Roads	☐ Foot paths/prin	ts	☐ Livestock Wateri	ng RV/ATV Tracks
☐ Rope swings	☐ Camping Sites	☐ Fire pit/ring	☐ NPDES Discharg	e ☐ Fishing Tackle
Other:				
rces of Pollution: (e	.g., trash dumping, ti	res, drainages, discharges, et oughout! Extension	tc.)	

06/15/06

MOther: ALGAE

Date: 06 / 15 /

Data Sheet B - Site Characterization - 2 of 3

Stream	Morphology:	
--------	-------------	--

{		G.5 m □ No imensions:	Velocity (firsec):		0.45m ,95=1m, 85=1m
Pool Flow Prese ownstream Vie	ent? Yes	□ No	Velocity (fivsec):	m/sec 85=1m	
Flow Prese	ent? Yes	□ No	Velocity (firsec):	m/se4 85=1m	
ownstream Vie	ew Physical D			m/se4 85=1m	
Di		imensions:	0.47, 0.66,		, 131 m, 251m
Di		imensions:	0.47, 0.66,		
acc				3.65	
1	ess point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
Riffle					
] Run					
Pool	11~	4.0m	11m	0.59	6,66
Flow Prese	nt? 🗆 Yes	M No	Velocity (ft/sec):		
4 4 4					
trate*: (These v			G 1		
70 CODDIE	76 GI	avei %	Sand 90 %	6 Silt 10 % Mud/Cl	ay % Bedro

^{*}This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

Data Sheet B - Site Characterization - 3 of 3

Comments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation).
NONE

Telephone #:

んつうん <u>Field Data Sheets for Recreational Use Stream Surveys</u>

Data Sheet C - Interviews

(Make additional copies as necessary for multiple interviews)

2. Have you pe		is water body for rethat apply:	ecreation since 1975?	□ Yes □ No	
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing		
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Water skiing	
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Rafting ☐ Other:	
3. Have you ob:	G Less than served others us	ing this water body	lease describe:		
Swimming □	se check ALL t	hat apply: D SCUBA diving	☐ Tubing		
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Water skiing ☐ Rafting	
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	Other:	
(G More than G 1 – 5 times G Less than 1	rved it being used i 5 times per year per year time per year – pl			
Contact Informa	tion (if willing t	to provide):			

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3

(A separate Data Sheet B must be completed for each site)

Latitude (ddd.dddd): 3	36,32790	Arrival Time:		
Longitude (ddd.dddd):	084.73724		910	
Photo Ids: Upstream:		Acc. 18.6FL. Downstream: 0278	Other: 0281-Ac	S. FINELD ADIACE VT
		028	O . LEGILLER CONT. STANKE	
		02)	9- BARBERNINE IN S.	7/6/2
Sarrative Description	of Location: (De	scribe access point to stream, no	earhy roads, landmarks, etc.	
CR SHH ROAD CA	121304 - Access	STREAM BANK	carby roads, landmarks, etc.)
urrounding Conditio	ns*: (Mark all that	promote or impede recreational	uses. Attach photos of evide	ence or unusual
ems of interest.)		r		siec of unusual
☐ City/county parks	☐ Playgrounds	☐ MDC conservation lands	☐ Urban areas	☐ Campgrounds
☐ Boating accesses	☐ State parks	☐ National forests	☐ Nature trails	☐ Stairs/walkway
☐ No trespass sign	☐ Fence	☐ Steep slopes	Other: AGENCULT	1850 or only 30c-34c
Iuman Uses Observed	l*:			
	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	None of the above	☐ Other:
Describe: (include numb	per of individuals rec	reating, frequency of use, photo	-documentation of evidence	of recreational uses, etc.)
vidence of Human Us				
Roads	☐ Foot paths/prin	ts Dock/platform	☐ Livestock Watering	□ RV / ATV Tracks
☐ Rope swings	☐ Camping Sites	☐ Fire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle
☐ Other:				
ources of Pollution: (e	g., trash dumping, ti	res, drainages, discharges, etc.)		
1 Then IN SHOWN	ad no Albat : December:	NELEXTENSOR AGRICULT	138-58E PHOTO 0281.	

QL; grth -

WBID # 3037 Site # 868

Date: 06 / 15 / 2006

Data Sheet B - Site Characterization - 2 of 3

tream Morp			2.4			
<u>Upstream</u>	View Physical Din	nensions:	0,30m	0,45	m 0,35m	
	Distance from access point (m)	Width (m)	Length	(m)	Avg. Depth (m)	Max Depth (m)
☐ Riffle	•					
□ Run						
☑ Pool	3,00	7~	13n		0.37	0.45m
☐ Flow	Present?	⊠No	Velocity (ft/s	sec):		
Downstrea	m View Physical I	Dimensions:	3,60m	0,50	6,40n	
	Distance from access point (m)	Width (m)	Length (Avg. Depth (m)	Max Depth (m)
□ Riffle	,					
□ Run						
Pool	7m	8m	72		0.50m	0.60m
☐ Flow	Present?	⊠ No	Velocity (ft/s			
hetrato*. (7		1000				
	These values should ad Cobble % (Gravel	% Sand &	% Silt	20 0/ Mart/Cl	0/ 5 1
	70	3.4.707	70 Sand	70 5III	∂≎ % Mud/Clay	% Bedrock
uatic Veget	ation*: (Note amoun	t of vegetation or al	gal growth at the as	ssessment sit	e.)	
SMALL AMI	UNT OF ALGAE OF	V SURFACE ! APP	100x. S V. 35 5	TIGAN AF	rected.	
iter Charac	teristics*: (Mark all	that apply.)				
Odor:	☐ Sewage	□ Musky	☐ Chemical	№ None	☐ Other:	
Color:	□ Clear	☐ Green	□ Gray	⊠ Milky	☑ Other:	brown
Bottom Depos	sit: 🗹 Sludge	□ Solids	☐ Fine sediments	☐ None	☐ Other:	-
Surface Depo	sit: 🗆 Oil	□ Scum	☐ Foam	₩ None	☐ Other:	

^{*}This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

WBID# 3032 Site# 869

Date: 06 / 15 / 2086

Data Sheet B - Site Characterization - 3 of 3

Comments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation).	
NONE	

WBID # 383 \(\frac{383 \(\) \(\) Site # \(\) 868

Date: 06 / 15 / 2066

Telephone #:

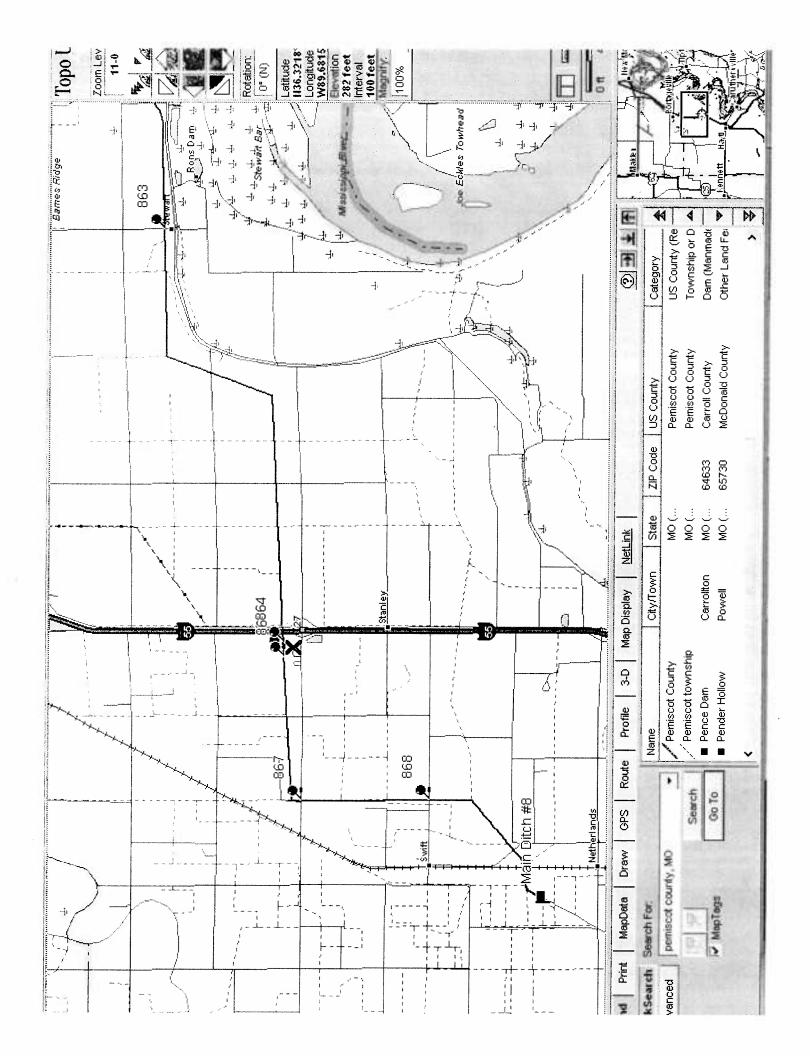
NONE

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C – Interviews

(Make additional copies as necessary for multiple interviews)

1. Do you live If so, how	in the area? □ w long have you	Yes 🗆 No lived here?		
2. Have you pe	rsonally used th ase check ALL	is water body for rethat apply:	ecreation since 1975?	□ Yes □ No
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:
3. Have you obs	G 1 – 5 time G Less than served others us	s per year s per year 1 time per year – p ing this water body	lease describe:	
Swimming	se check ALL t	nat apply: Compared Scotting Compared Comp	☐ Tubing	□ Water ali
□ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	☐ Water skiing ☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	Other:
(G More than $1-5$ times		for recreation? ease describe:	
4. Additional Co	omments:			
Contact Informa Name: Address:	tion (if willing t	to provide):		





Site# 863 Photo ID# 0296, Upstream



Site# 863 Photo ID# 0298, Tire on bank



Site# 863 Photo ID# 0297, Downstream



Site# 863 Photo ID# 0299, Trash in stream



Site# 864 Photo ID# 0287, Upstream



Site# 864 Photo ID# 0289, Aquatic vegetation



Site# 864 Photo ID# 0288, Downstream



Site# 865 Photo ID# 0291, Upstream



Site# 865 Photo ID# 0290, Downstream



Site# 866 Photo ID# 0293, Downstream



Site# 866 Photo ID# 0292, Upstream



Site# 866 Photo ID# 0294, Downstream



Site# 866 Photo ID# 0295, Aquatic vegetation



Site# 867 Photo ID# 0283, Downstream



Site# 867 Photo ID# 0282, Upstream



Site# 867 Photo ID# 0285, Trash



Site# 867 Photo ID# 0284, Tire



Site# 868 Photo ID# 0277, Upstream



Site# 867 Photo ID# 0286, Surrounding agriculture



Site# 868 Photo ID# 0278, Downstream



Site# 868 Photo ID# 0280, Trash



Site# 868 Photo ID# 0279, Barbwire



Site# 868 Photo ID# 0281, Ag field